

STN Columbus

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 "Ask CAS" for self-help around the clock
 NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
 NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
 NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
 NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes
 NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the
 IPC reform
 NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
 USPAT2
 NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
 NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
 INPADOC
 NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
 NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
 CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
 V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
 specific topic.

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 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 23:59:40 ON 19 JAN 2006

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	0.84

FILE 'REGISTRY' ENTERED AT 00:01:53 ON 20 JAN 2006

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Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

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STRUCTURE FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2
 DICTIONARY FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS
 for details.

REGISTRY includes numerically searchable data for experimental and
 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

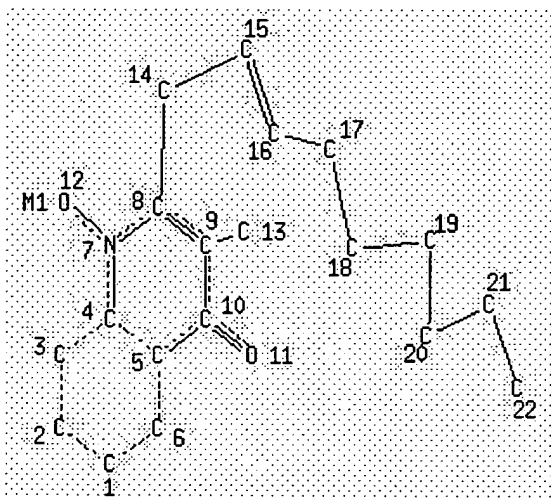
Uploading C:\stnweb\Queries\10-672398.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



NODE ATTRIBUTES:

HCOUNT	IS M1	AT 12
NSPEC	IS R	AT 1

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```

NSPEC  IS R      AT   2
NSPEC  IS R      AT   3
NSPEC  IS R      AT   4
NSPEC  IS R      AT   5
NSPEC  IS R      AT   6
NSPEC  IS R      AT   7
NSPEC  IS R      AT   8
NSPEC  IS R      AT   9
NSPEC  IS R      AT  10
NSPEC  IS C      AT  11
NSPEC  IS C      AT  12
NSPEC  IS C      AT  13
NSPEC  IS C      AT  14
NSPEC  IS C      AT  15
NSPEC  IS C      AT  16
NSPEC  IS C      AT  17
NSPEC  IS C      AT  18
NSPEC  IS C      AT  19
NSPEC  IS C      AT  20
NSPEC  IS C      AT  21
NSPEC  IS C      AT  22
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT  11 12 13 14 15 16 17 18 19 20 21 22
DEFAULT ECLEVEL IS LIMITED

```

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

```

=> s l1
SAMPLE SEARCH INITIATED 00:02:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      2 TO ITERATE

```

```

100.0% PROCESSED      2 ITERATIONS      0 ANSWERS
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   2 TO      124
PROJECTED ANSWERS:      0 TO      0

```

L2 0 SEA SSS SAM L1

```

=> s l1 full
FULL SEARCH INITIATED 00:02:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      35 TO ITERATE

```

```

100.0% PROCESSED      35 ITERATIONS      5 ANSWERS
SEARCH TIME: 00.00.01

```

L3 5 SEA SSS FUL L1

=> d tot

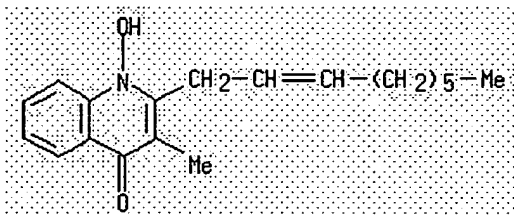
```

L3  ANSWER 1 OF 5  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   356761-12-1  REGISTRY
ED   Entered STN:  14 Sep 2001

```

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CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2-nonenyl)- (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C19 H25 N O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT



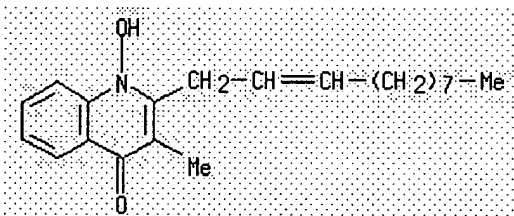
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
RN 355378-90-4 REGISTRY
ED Entered STN: 10 Sep 2001
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2-undecenyl)- (9CI) (CA INDEX
NAME)

OTHER NAMES:

CN 1-Hydroxy-3-methyl-2-(undec-2-en-1-yl)quinolin-4(1H)-one
FS 3D CONCORD
MF C21 H29 N O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

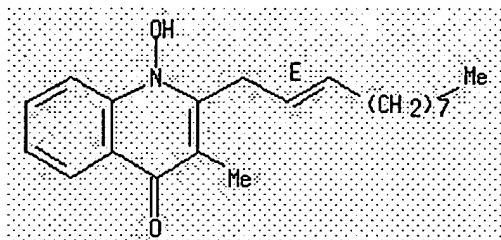
L3 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
RN 355378-87-9 REGISTRY
ED Entered STN: 10 Sep 2001
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2E)-2-undecenyl- (9CI) (CA INDEX
NAME)

OTHER NAMES:

CN 1-Hydroxy-3-methyl-2-((E)-undec-2-en-1-yl)quinolin-4(1H)-one
FS STEREOSEARCH
MF C21 H29 N O2

SR CA
LC STN Files: CA, CAPLUS

Double bond geometry as shown.

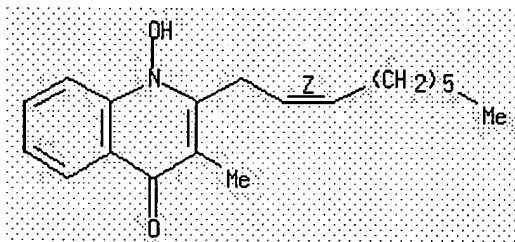


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
RN 355378-85-7 REGISTRY
ED Entered STN: 10 Sep 2001
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2Z)-2-nonenyl- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1-Hydroxy-3-methyl-2-[(Z)-non-2-en-1-yl]quinolin-4(1H)-one
FS STEREOSEARCH
MF C19 H25 N O2
SR CA
LC STN Files: CA, CAPLUS

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

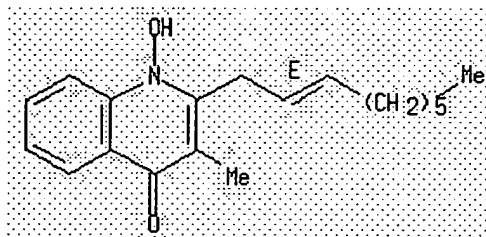
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN
RN 162382-62-9 REGISTRY
ED Entered STN: 21 Apr 1995
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2E)-2-nonenyl- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2-nonenyl)-, (E)-
OTHER NAMES:
CN YL 02729S

STN Columbus

CN YM 30059
 FS STEREOSEARCH
 MF C19 H25 N O2
 SR CA
 LC STN Files: BIOSIS, CA, CAPLUS, PROUSDDR, TOXCENTER, USPATFULL

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
 7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> sel rn name 1, 4, 5
 E1 THROUGH E6 ASSIGNED

=> fil hcapl medline uspatf wpids
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
178.20	179.04

FULL ESTIMATED COST

FILE 'HCAPLUS' ENTERED AT 00:03:28 ON 20 JAN 2006
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 COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 00:03:28 ON 20 JAN 2006

FILE 'USPATFULL' ENTERED AT 00:03:28 ON 20 JAN 2006
 CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 00:03:28 ON 20 JAN 2006
 COPYRIGHT (C) 2006 THE THOMSON CORPORATION

=> s e1-6

L4 16 ("YL 02729S"/BI OR "YM 30059"/BI OR "1-HYDROXY-3-METHYL-2-((Z)-N-ON-2-EN-1-YL)QUINOLIN-4(1H)-ONE"/BI OR 162382-62-9/BI OR 355378-85-7/BI OR 356761-12-1/BI)

=> dup rem l4

PROCESSING COMPLETED FOR L4

L5 13 DUP REM L4 (3 DUPLICATES REMOVED)

=> s polyethylene glycol

L6 309236 POLYETHYLENE GLYCOL

=> s l5 and l6

L7 3 L5 AND L6

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=> d ibib abs tot

L7 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text

ACCESSION NUMBER: 2004:291965 HCAPLUS
DOCUMENT NUMBER: 140:292670
TITLE: Drug absorbability improving agents
INVENTOR(S): Yoshihara, Keiichi; Sako, Kazuhiro
PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004028567	A1	20040408	WO 2003-JP12237	20030925
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2500218	AA	20040408	CA 2003-2500218	20030925
EP 1543840	A1	20050622	EP 2003-748580	20030925
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 2005100607	A1	20050512	US 2003-672398	20030926
PRIORITY APPLN. INFO.:			US 2002-414313P	P 20020926
			WO 2003-JP12237	W 20030925
AB	To produce an agent for improving drug adsorption by a mucous layer in the digestive tract, one or more members selected from polyethylene glycol and polyoxyethylene-polyoxypropylene copolymer having 17 or more moles of single chain length ethylene oxide added per mol, is used. By applying such an agent to a drug having an activity against Helicobacter pylori, the pharmacol. effect of the drug can be enhanced.			
REFERENCE COUNT:	13	THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L7 ANSWER 2 OF 3 USPATFULL on STN

Full Text

ACCESSION NUMBER: 2005:203350 USPATFULL
TITLE: Substituted pyridinones
INVENTOR(S): Devadas, Balekudru, Chesterfield, MO, UNITED STATES
Walker, John, Maryland Heights, MO, UNITED STATES
Selness, Shaun R., Chesterfield, MO, UNITED STATES
Boehm, Terri L., Ballwin, MO, UNITED STATES
Durley, Richard C., Chesterfield, MO, UNITED STATES
Devraj, Rajesh, Chesterfield, MO, UNITED STATES
Hickory, Brian S., Wildwood, MO, UNITED STATES
Rucker, Paul V., University City, MO, UNITED STATES
Jerome, Kevin D., Maryland Heights, MO, UNITED STATES
Madsen, Heather M., St. Louis, MO, UNITED STATES

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Alvira, Edgardo, Chesterfield, MO, UNITED STATES
 Promo, Michele A., Maryland Heights, MO, UNITED STATES
 Blevis-Bal, Radhika M., St. Louis, MO, UNITED STATES
 Marrufo, Laura D., Ellisville, MO, UNITED STATES
 Hitchcock, Jeff, St. Peters, MO, UNITED STATES
 Owen, Thomas, Chesterfield, MO, UNITED STATES
 Naing, Win, Chesterfield, MO, UNITED STATES
 Xing, Li, Chesterfield, MO, UNITED STATES
 Shieh, Huey S., St. Louis, MO, UNITED STATES
 Sambandam, Aruna, Guiderland, NY, UNITED STATES
 Liu, Shuang, Schenectady, NY, UNITED STATES
 Scott, Ian L., Woodinville, WA, UNITED STATES
 McGee, Kevin F., Niskayuna, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005176775	A1	20050811
APPLICATION INFO.:	US 2004-918826	A1	20040813 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-494959P	20030813 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	David M. Gryte, Harness, Dickey & Pierce, P.L.C., Suite 400, 7700 Bonhomme, St. Louis, MO, 63105, US	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
LINE COUNT:	29381	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are compounds of Formula I ##STR1## and pharmaceutically acceptable salts thereof, wherein R1, R2, R3, R4, and R5 are defined herein. These compounds are useful for treating diseases and conditions caused or exacerbated by unregulated p38 MAP Kinase and/or TNF activity. Pharmaceutical compositions containing the compounds, methods of preparing the compounds and methods of treatment using the compounds are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 3 USPATFULL on STN

Full Text

ACCESSION NUMBER: 2001:18477 USPATFULL
 TITLE: Anti-helicobacter pylori pharmaceutical composition
 INVENTOR(S): Watanabe, Masato, Tokyo, Japan
 Tanaka, Kouichi, Tokyo, Japan
 Komiya, Masayuki, Tokyo, Japan
 Rantiatmodjo, Ratna Murni, Jakarta, Indonesia
 PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Tokyo, Japan
 (non-U.S. corporation)
 P. T. Kalbe Farma, Jakarta Timur, Indonesia (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6184230	B1	20010206
	WO 9851306		19981119
APPLICATION INFO.:	US 1999-423924		19991109 (9)
	WO 1998-JP2133		19980514
			19991116 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-127462	19970516
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Reamer, James H.	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak & Seas, PLLC	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
LINE COUNT:	403	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An anti-Helicobacter pylori pharmaceutical composition containing a 1-hydroxy-3-methyl-quinolone derivative represented by the following formula (I) ##STR1##

or a pharmaceutically acceptable salt thereof as an active ingredient.

Since it shows antibacterial action upon Helicobacter pylori, this invention is effective for the treatment or prevention of infection with Helicobacter pylori in human and infection with related bacteria belonging to the genus Helicobacter in animals. Also, the anti-Helicobacter pylori pharmaceutical composition of the present invention is useful for the prevention (including prevention of relapse) or treatment of diseases of the upper digestive organs, such as peptic ulcers (e.g., gastric and duodenal ulcers), inflammations (e.g., acute or chronic gastritis or duodenitis) and gastric cancer, as well as MALT (mucosa-associated lymphoid tissue) lymphoma or chronic heart diseases.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d kwic 3

L7 ANSWER 3 OF 3 USPATFULL on STN

SUMM . . . is disclosed in JP-A-7-189 (the term "JP-A" as used herein means an "unexamined published Japanese patent application") as a substance **YL-02729S**, and its use is particularly antibacterial activity upon methicillin-resistant Staphylococcus aureus. Said patent application does not suggest or report about antibacterial activity of the substance **YL-02729S** upon Helicobacter pylori.

SUMM The inventors of the present invention have carried out extensive studies on the aforementioned substance **YL-02729S** and, as a result, found that it has an excellent anti-Helicobacter pylori activity and also that said substance has high. . .

SUMM . . . it is desirable to employ a method in which a bacterium belonging to the genus Arthrobacter, such as Arthrobacter sp. **YL-02729S** which has been deposited in National Institute of Bioscience and Human Technology under an international deposition No. FERM BP-6326, is. . .

SUMM . . . injection use and physiological saline. Examples of the diluent for use in the non-aqueous solutions and suspensions include propylene glycol, **polyethylene glycol**, plant oil (e.g., olive oil), alcohol (e.g., ethyl alcohol), polysorbate 80 (trade name, polyoxyethylene sorbitan higher fatty acid ester). Such. . .

SUMM . . . is formed into solid dispersion together with a solubilizing agent such as a high polymer (hydroxypropylmethylcellulose (HPMC), polyvinyl pyrrolidone (PVP), **polyethylene glycol** (PEG) or the like water-soluble high polymer or carboxymethylethylcellulose (CMC),

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hydroxypropylmethylcellulose phthalate (HPMCP), methyl
methacrylate-methacrylic acid copolymer (Eudragit L, S, . . .)

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	32.29	211.33
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 00:07:57 ON 20 JAN 2006